# WARNING

# IMPORTANT NOTICE DO NOT DETACH

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EP-S9-08-04

# MONTHLY STATUS REPORT for Omega OU02 RI/FS

Reporting Period: 10-31-09 through 11-27-09 Task Order Period of Performance: 02-06-09 through 12-31-10

Task Order No.: 038-RICO-09BC

Task Order Project Officer: Lynda Deschambault

CH2M HILL Project No.: 386743 Project Manager: Tom Perina

### A. Expenditure Limit

\$685,848.32 (51.78 %) of the Task Order Ceiling (\$1,324,489.00) has been expended.

### B. Activities Performed During Reporting Period

This section presents a description of activities performed on each task. *Note: Report 1 contains by task, names of staff, labor category, and number of hours worked for each individual.* 

### Task 1 - Project Planning and Support (PP)

• The Project Manager with the help of support staff performed routine project management activities including cost and budget tracking, and monthly reporting.

### Task 2 - Community Involvement (CR)

No Activity

### Task 3 - Field Investigation / Data Acquisition (FI)

- The Project Manager coordinated source area investigations.
- The Contracts Administrator, Project Scientist, and Project Manager prepared purchase orders and subcontractor tasking documents.
- The Health and Safety Manager and Project Scientist reviewed and approved job hazard analysis forms for upcoming Hydropunch work.
- The Project Scientist and Staff Geologist finalized MW31 boring log.
- The Project Scientist conducted a site walk with the direct push subcontractor.
- The Project Scientist mobilized field equipment from the CH2M HILL warehouse, in preparation of direct-push work.
- The Project Scientist provided oversight for hauling OU2 groundwater sampling IDW.
- The Project Scientist coordinated site access for Site B and conducted a site walk with the property owner.

### Task 5 - Analytical Support and Data Validation (AN)

• The Project Scientist and the Project Manager prepared requests for laboratory services and coordinated sample scheduling with Region IX laboratory.

The Project Scientist coordinated data validation of OU2 groundwater data with the Sr. Chemist.

### Task 6 - Data Evaluation (DE)

- The Project Manager attended two interagency meetings at WRD in Lakewood on November 18, 2009.
- The Project Scientist prepared an analytical list for Golden State Water Company sampling of production wells.
- The Project Geologist prepared data files for transferring to OPOG, addressed EPA's request on response letter to OPOG.
- Graphics Specialist assisted with the preparation of meeting slides.
- The Contract Administrator prepared subcontractor tasking documents.

### Task 7 - Risk Assessment (RA)

No Activity

### Task 8 - Treatability Study / Pilot Testing (TT)

No Activity

### Task 9 - Remedial Investigation Report (RR)

• The Administrative Assistant assisted with document shipping.

### Task 10 - Remedial Alternatives Screening (RS)

No Activity

### Task 11 - Remedial Alternatives Evaluation (RE)

- The Project Manager attended a meeting and conference call with EPA and GSWC on November 18 and 20, 2009, respectively, on potential impacts to GSWC production wells.
- The Project Manager, Sr. Engineer, and Project Geologist held internal meetings relating to the Feasibility Study.
- The Sr. Engineer and Project Geologist assisted with response to the October 15, 2009 OPOG letter.

### Task 12 - FS Report (FS)

• The Project Manager, Technical Editor, and Sr. Word Processor prepared the draft Feasibility Study report.

### Task 13 - Post RI/FS Support (PR)

No Activity

### Task 15 - Task Order Closeout (CO)

No Activity

### C. Scope, Schedule, and Budget Variances

None

### D. Budget Notification and Forecasting

None

### **SUMMARY OF COSTS BY TASK**

Task Order No.: 038-RICO-09BC
Task Order Name: OMEGA OU02 RI/FS

Invoice Number: 010

EPA Contract No.: EP S9 08 04
Contract Date: 09/24/2008
Reporting Month: November, 2009
Period: Oct/2009 through Nov/2009

Client			Curren	t Month	Cumulative	Cost-to-Date	WP I	Budget	Rema	aining
Task No.	Task No.	Task Name	Hours	Invoiced	Hours	Invoiced	Hours	Dollars	Hours	Dollars
1	PP.02	WPA	0	0.00	35	5,680.58	31	5,349.00	-4	-331.58
1	PP.03	PROJECT MANAGEMENT	14	2,768.98	92	17,381.10	264	40,601.00	173	23,219.90
1	PP.04	SITE SPECIFIC PLANS	0	0.00	64	9,733.10	172	22,208.00	108	12,474.90
2	CR	COMMUNITY INVOLVEMENT	0	0.00	8	1,513.44	80	12,740.00	72	11,226.56
3	FI	FIELD INVESTIGATION/DATA ACQUISITION	54	11,604.69	1,027	186,441.15	1,579	347,626.00	552	161,184.85
5	AN	ANALYTICAL SUPPORT/DATA VALIDATION	3	518.72	29	4,315.23	410	58,754.00	381	54,438.77
6	DE	DATA EVALUATION	49	9,050.34	734	111,636.60	1,484	219,515.00	750	107,878.40
7	RA	RISK ASSESSMENT	0	0.00	0	0.00	4	545.00	4	545.00
8	TT	TREATABILITY STUDY/PILOT TESTING	0	0.00	0	0.00	282	88,414.00	282	88,414.00
9	RR	RI REPORT	0	14.78	226	26,851.17	269	36,585.00	43	9,733.83
10	RS	REMEDIAL ALTERNATIVES DEVELOPMENT	0	0.00	877	147,439.61	914	147,446.00	37	6.39
		AND SCREENING								
11	RE	REMEDIAL ALTERNATIVES EVALUATION	19	3,702.96	793	136,169.30	871	145,251.00	78	9,081.70
12	FS	FS REPORT	13	2,099.63	190	35,279.73	294	45,384.00	104	10,104.27
13	PR	POST RI/FS SUPPORT	0	0.00	17	3,407.31	764	149,731.00	747	146,323.69
15	CO	TASK ORDER CLOSEOUT	0	0.00	0	0.00	36	4,340.00	36	4,340.00
		Totals:	153	29,760.10	4,093	685,848.32	7,454	1,324,489.00	3,361	638,640.68

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Action Code: Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 1	Task Title:	PROJECT PL	ANNING AND SUF	PPORT		Task Catego	ory Code: PP
		Cui	rent	Cumu	lative	Appro	ved Budget
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars
PRIME CONTRACTOR			-				
Direct Labor							
HARTLEY, JAMES D	Principal Engineer/Scientist/Specialist			1.00			
SINGH, UDAI PRATAP				3.00			
CHUANG, YUEH	Senior Engineer/Scientist/Specialist			2.00			
GRIGORIEFF, MIKE				1.00			
PERINA, TOMAS		13.00		115.00			
ANTIPAS, Y ARTEMIS	Project Engineer/Scientist/Specialist			6.00			
ABLONSKI, DANIEL R				1.00			
EENE, EMILY				9.00			
IERCHANT, BARBARA				2.00			
NHORN, REBECCA	Staff Engineer/Scientist/Specialist			4.50			
EATTIE, MARIAN	Administrative and Clerical			0.90			
RUZ, ROSA I		0.10		9.60			
AISEY, SHANNON		0.80		1.30			
ENSEN, NANCY KEATING				3.70			
CHARDSON, SHELLY				0.90			
OTAL, PRIME DIRECT LABOR		13.90	2,732.03	160.90	29,119.42	467.00	68,158.0

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: CH2M HILL CONSTRUCTORS

9

Contract Number: EP S9 08 04 SSID: 09BC State: CA

Work Area Code: RI Action Code: CO Operable Unit: 02

FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION Task Order Status: ON-GOING

Performance Based: No TO Period of Performance Start:

**Contract Period:** 

Invoice Number:

2/6/09 TO Period of Performance End: 12/31/10 Reporting Period From: 10/31/09 Reporting Period To: 11/27/09 Invoice Date: 12/20/09

BASE

010

Monthly Progress Invoice Purpose:

Task Number: 1 Task Category Code: PP Task Title: PROJECT PLANNING AND SUPPORT

		Current		Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TO Type:

PRIME CONTRACTOR

TOTAL, TEAM SUB DIRECT LABOR

Direct Labor

Region:

HILGAERTNER, JEFFREY T Project Engineer/Scientist/Specialist

3.00 3.00

459.93

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

Contract Number: EP S9 08 04 SSID: 09BC State: CA

9 Region:

Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE

Type Site: Task Order Status: ON-GOING

Performance Based: No

CHEMICAL SITE CONTAMINATION

12/20/09 Invoice Number: 010

**Contract Period:** 

TO Period of Performance Start:

TO Period of Performance End:

Reporting Period From:

Reporting Period To:

Invoice Date:

Monthly Progress Invoice Purpose:

BASE

2/6/09

12/31/10

10/31/09

11/27/09

Task Number: 1 Task Category Code: PP Task Title: PROJECT PLANNING AND SUPPORT

		Current		Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

#### TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M	Staff Engineer/Scientist/Specialist			25.50	
LOPEZ, SARAH	Senior Technician			0.50	
LOPEZ, DAVID	Administrative and Clerical			0.40	
NANDA, NIDHI		0.50		0.50	
TOTAL, TEAM SUB DIRECT LABOR		0.50	36.95	26.90	2,940.42

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 1 Task Title: PROJECT PLANNING AND SUPPORT Task Category Code: PP

### SUBTOTALS FOR TASK 1 (PRIME + TEAM SUBCONTRACTORS)

		•		•		
	C	urrent	Cui	mulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR	14.40	2,768.98	190.80	32,519.77	467.00	68,158.00
SUBTOTAL, DIRECT COSTS(Non_labor)				275.01		
SUBTOTAL, TASK 1 COSTS		2,768.98		32,794.78		68,158.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 2 Task Title: COMMUNITY INVOLVEMENT Task Category Code: CR

### SUBTOTALS FOR TASK 2 (PRIME + TEAM SUBCONTRACTORS)

	Current		Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR			8.00	1,513.44	80.08	0 11,386.00
SUBTOTAL, DIRECT COSTS(Non_labor)						1,354.00
SUBTOTAL, TASK 2 COSTS				1,513.44		12,740.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Action Code: Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 TO Type: Contract Number: EP S9 08 04 FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA 12/20/09 Invoice Date: Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 3	Task Title:	FIELD INVESTIGATION / DATA ACQUISITION	Task Category Code:	FI

		Current		Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

#### PRIME CONTRACTOR

Direct Labor			
ANDERSON, GORDON N.	Senior Engineer/Scientist/Specialist		2.00
BLASCO, JOHN CALVERT			2.00
CAVIL, RICHARD		2.00	2.00
PERINA, TOMAS		7.00	75.00
JABLONSKI, DANIEL R	Project Engineer/Scientist/Specialist	37.00	100.00
SKEITH, BRIAN P			2.00
BRYANT, ELIZABETH	Staff Engineer/Scientist/Specialist		136.00
HERNANDEZ, ROBERT			76.00
MATHUR, VIKAS			17.00
MAYRY, MATTHEW		1.00	1.00
NGUYEN, CRYSTAL		6.00	10.00
OCKERMAN, JEFF			123.00
RISAT, TEDROS			10.00
NGUYEN, CRYSTAL	Junior Engineer/Scientist/Specialist		44.00
OVIEDO, MIGUEL A.			25.00
FOXWORTHY, TERRY	Senior Technician		1.00
LADEAU, MICHAEL			9.50
MAYER, KEVIN F			0.50
STREHLOW, ROBERT W			0.50
PALM, MICHAEL SCOTT	Technician		75.00
CIZAN, KIM	Administrative and Clerical		3.20
CRUZ, ROSA I		0.20	0.20
DAISEY, SHANNON			1.10
HILL, JARED			0.20

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS Contractor Name: CH2M HILL INC

Contract Number: EP S9 08 04 SSID: 09BC State: CA

Region: 9 Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION Task Order Status: ON-GOING

1.20

Performance Based:

No

**Contract Period:** 

Reporting Period From:

Reporting Period To:

TO Period of Performance Start: 2/6/09 TO Period of Performance End:

12/31/10 10/31/09 11/27/09

BASE

Invoice Date: 12/20/09 Invoice Number: 010

Invoice Purpose: Monthly Progress

Task Number: 3 Task Category Code: FI Task Title: FIELD INVESTIGATION / DATA ACQUISITION

		Current		Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

PRIME CONTRACTOR

MEIDL, JOHN BENEDICT 0.50

53.70 TOTAL, PRIME DIRECT LABOR 8,490.96 717.40 86,067.66 1,579.00 176,585.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: CH2M HILL CONSTRUCTORS

Contract Number: EP S9 08 04 SSID: 09BC State: CA

Region: 9 Work Area Code: RI CO Action Code: Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION Task Order Status: ON-GOING

Performance Based: No **Contract Period:** TO Period of Performance Start:

2/6/09 TO Period of Performance End: 12/31/10 Reporting Period From: 10/31/09 Reporting Period To: 11/27/09 Invoice Date: 12/20/09

Invoice Number: 010

Monthly Progress Invoice Purpose:

BASE

Task Number: 3 Task Title: Task Category Code: FI FIELD INVESTIGATION / DATA ACQUISITION

		Current		Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

PRIME CONTRACTOR

Direct Labor

HILGAERTNER, JEFFREY T Project Engineer/Scientist/Specialist 15.00

15.00 2,299.65 TOTAL, TEAM SUB DIRECT LABOR

### TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS Contractor Name: **CRITIGEN LLC** Contract Number: EP S9 08 04

9

SSID: 09BC State: CA

Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE Type Site: CHEMICAL SITE CONTAMINATION

ON-GOING

Performance Based:

Task Order Status:

No

**Contract Period:** 

TO Period of Performance Start: 2/6/09 TO Period of Performance End: 12/31/10 Reporting Period From: 10/31/09

Reporting Period To: 11/27/09 Invoice Date: 12/20/09 Invoice Number: 010

Monthly Progress Invoice Purpose:

BASE

Task Number: 3 Task Category Code: FI Task Title: FIELD INVESTIGATION / DATA ACQUISITION

		Current		Cı	ımulative	Approved Budget	
Name J	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

Region:

Staff Engineer/Scientist/Specialist DUNCAN, DAVID FARLEY

TOTAL, TEAM SUB DIRECT LABOR

2.00

2.00 225.94

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA OU02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

Contract Number: EP S9 08 04
SSID: 09BC
State: CA

Region: 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE
Type Site: CHEMICAL SITE CONTAMINATION

Task Order Status: ON-GOING

Performance Based: No

Contract Period:

TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10

Reporting Period From: 10/31/09
Reporting Period To: 11/27/09
Invoice Date: 12/20/09
Invoice Number: 010

Invoice Purpose: Monthly Progress

BASE

Task Number: 3 Task Title: FIELD INVESTIGATION / DATA ACQUISITION Task Category Code: FI

		Current		Cı	ımulative	Approved Budget	
Name J	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M Staff Engineer/Scientist/Specialist 219.30

TOTAL, TEAM SUB DIRECT LABOR 219.30 24,217.31

### TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA OU02 RI/FS

Contractor Name: CFEST INC
Contract Number: EP S9 08 04

 SSID:
 09BC

 State:
 CA

 Region:
 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

02 FIXED RATE

CHEMICAL SITE CONTAMINATION

Type Site: CHEMICAL Task Order Status: ON-GOING

Performance Based: No

Contract Period:

TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09
Reporting Period To: 11/27/09

Invoice Date: 12/20/09
Invoice Number: 010

Invoice Purpose: Monthly Progress

BASE

Task Number: 3 Task Title: FIELD INVESTIGATION / DATA ACQUISITION Task Category Code: FI

		Current		Cı	ımulative	Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TO Type:

TEAM SUB CONTRACTOR

Direct Labor

JUNG, HUN Senior Technician 73.00

TOTAL, TEAM SUB DIRECT LABOR 73.00 8,554.87

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 3 Task Title: FIELD INVESTIGATION / DATA ACQUISITION Task Category Code: FI

### SUBTOTALS FOR TASK 3 (PRIME + TEAM SUBCONTRACTORS)

	C	urrent	Cur	mulative	Approved Budget					
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars				
SUBTOTAL, DIRECT LABOR	53.70	8,490.96	1,026.70	121,365.43	1,579.00	176,585.00				
SUBTOTAL, DIRECT COSTS(Non_labor)		3,113.73		65,075.72		171,041.00				
SUBTOTAL, TASK 3 COSTS		11,604.69		186,441.15		347,626.00				

NGUYEN, CRYSTAL

TOTAL, PRIME DIRECT LABOR

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 5	Task Title: AN	ANALYTICAL SUPPORT AND DATA VALIDATION					Task Category Code: AN		
		Current Cumulative		Approved Budget					
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars		
PRIME CONTRACTOR		•				•	•		
Direct Labor									
PERINA, TOMAS	Senior Engineer/Scientist/Specialist	1.00		11.00					
JABLONSKI, DANIEL R	Project Engineer/Scientist/Specialist	2.00		3.00					
BRYANT, ELIZABETH	Staff Engineer/Scientist/Specialist			4.00					

518.72

3.00

3.00

21.00

3.387.61

410.00

58.754.00

Junior Engineer/Scientist/Specialist

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA OU02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

 Contract Number:
 EP S9 08 04

 SSID:
 09BC

 State:
 CA

Region: 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION
Task Order Status: ON-GOING

Performance Based: No

Contract Period:

Reporting Period From:

Reporting Period To:

TO Period of Performance Start:
TO Period of Performance End:

12/31/10 10/31/09 11/27/09 12/20/09

BASE

2/6/09

Invoice Date: 12/20 Invoice Number: 010

Invoice Purpose: Monthly Progress

Task Number: 5 Task Title: ANALYTICAL SUPPORT AND DATA VALIDATION Task Category Code: AN

		Current		Cı	ımulative	Approved Budget	
Name J	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M Staff Engineer/Scientist/Specialist

TOTAL, TEAM SUB DIRECT LABOR

8.40 8.40

927.62

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 5 Task Title: ANALYTICAL SUPPORT AND DATA VALIDATION Task Category Code: AN

#### SUBTOTALS FOR TASK 5 (PRIME + TEAM SUBCONTRACTORS)

332.5.1		0.10 (				
	C	urrent	Cu	mulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
					_	
SUBTOTAL, DIRECT LABOR	3.00	518.72	29.40	4,315.23	410.00	58,754.00
SUBTOTAL, DIRECT COSTS(Non_labor)						
SUBTOTAL, TASK 5 COSTS		518.72		4,315.23		58,754.00

### TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 6	Task Title:	D	ATA EVALUATION			Task Categ	ory Code: DE
			Current	Cu	ımulative	Appro	ved Budget
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars
PRIME CONTRACTOR							
Direct Labor							
BOEHNKER, DAVID W	Senior Engineer/Scientist/Specialist						
PERINA, TOMAS		30.00		161.00			

TURNER, ALTA 14.00 ANTIPAS, Y ARTEMIS 3.00 Project Engineer/Scientist/Specialist 29.00 JABLONSKI, DANIEL R 1.00 16.00 299.00 SUN, KERANG Staff Engineer/Scientist/Specialist 1.00 ANHORN, REBECCA MADER, SARAH 33.00 2.00 MAYRY, MATTHEW NGUYEN, CRYSTAL 1.00 3.00 POWERS, KIMBERLY 8.80 Junior Engineer/Scientist/Specialist NGUYEN, CRYSTAL 5.00 BAILEY, TRAVIS Senior Technician 1.00 1.00 Administrative and Clerical CLARK, SUSAN ELAINE 1.70 MCNARY, PATRICIA 3.00 TOTAL, PRIME DIRECT LABOR 49.00 9.050.34 92.293.78 564.50

1.484.00 219.515.00

## TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA 0U02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

Contract Number: EP S9 08 04
SSID: 09BC
State: CA

Region: 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE
Type Site: CHEMICAL SITE CONTAMINATION

Task Order Status: ON-GOING

Performance Based: No

Contract Period:

TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09
Reporting Period To: 11/27/09

Reporting Period To: 11/27/09
Invoice Date: 12/20/09
Invoice Number: 010

Invoice Purpose: Monthly Progress

BASE

Task Number: 6 Task Title: DATA EVALUATION Task Category Code: DE

		Current		Cı	ımulative	Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M Staff Engineer/Scientist/Specialist MA, TAIN-SHING

TOTAL, TEAM SUB DIRECT LABOR

86.30 5.50

91.80 10,137.48

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA OU02 RI/FS

Contractor Name: CFEST INC
Contract Number: EP S9 08 04

 SSID:
 09BC

 State:
 CA

 Region:
 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION
Task Order Status: ON-GOING

Performance Based: No

Contract Period: BASE
TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/1

 TO Period of Performance End:
 12/31/10

 Reporting Period From:
 10/31/09

 Reporting Period To:
 11/27/09

 Invoice Date:
 12/20/09

 Invoice Number:
 010

Invoice Purpose: Monthly Progress

Task Number: 6 Task Title: DATA EVALUATION Task Category Code: DE

		Current		Cı	ımulative	Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

JUNG, HUN Senior Technician 78.00

TOTAL, TEAM SUB DIRECT LABOR 78.00 9,157.02

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 6 Task Title: DATA EVALUATION Task Category Code: DE

### SUBTOTALS FOR TASK 6 (PRIME + TEAM SUBCONTRACTORS)

		•		•		
	C	urrent	Cu	mulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR	49.00	9,050.34	734.30	111,588.28	1,484.00	219,515.00
SUBTOTAL, DIRECT COSTS(Non_labor)				48.32		
SUBTOTAL, TASK 6 COSTS		9,050.34		111,636.60		219,515.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE Action Code: CO Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 7 Task Title: RISK ASSESSMENT Task Category Code: RA

### SUBTOTALS FOR TASK 7 (PRIME + TEAM SUBCONTRACTORS)

	Current		Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

SUBTOTAL, DIRECT LABOR
SUBTOTAL, TASK 7 COSTS
4.00 545.00
545.00

## TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 8 Task Title: TREATABILITY STUDY / PILOT TESTING Task Category Code: TT

### SUBTOTALS FOR TASK 8 (PRIME + TEAM SUBCONTRACTORS)

	Current		Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

SUBTOTAL, DIRECT LABOR
SUBTOTAL, DIRECT COSTS(Non\_labor)
SUBTOTAL, TASK 8 COSTS
49,783.00
88,414.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Action Code: Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 CA State: Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

> Monthly Progress Invoice Purpose:

Task Number: 9	Task Title:	REMEDIAL INVESTIGATION REPORT			Task Categ	ory Code: RR	
		(	Current	Cu	ımulative	Appro	oved Budget
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars
PRIME CONTRACTOR		•					
Direct Labor							
CHUANG, YUEH	Senior Engineer/Scientist/Specialist			5.00			

Direct Labor							
CHUANG, YU	JEH	Senior Engineer/Scientist/Specialist			5.00		
PERINA, TO	MAS				62.00		
SUN, KERAN	G	Project Engineer/Scientist/Specialist			9.00		
ANHORN, RE	EBECCA	Staff Engineer/Scientist/Specialist			1.00		
DODS, DEVO	N				1.00		
KEDAN, GOL	AN				1.00		
KERRIDGE, I	BENJAMIN	Technician			49.00		
DIAZ, FROIL	AN	Administrative and Clerical			14.30		
HILL, JARED			0.20		0.20		
JENSEN, NA	NCY KEATING				4.00		
LANCE, JOE	-				17.50		
MCNARY, PA	TRICIA				41.10		
TOTAL, PRIN	IE DIRECT LABOR		0.20	14.78	205.10	24,004.19	26

269.00 36.585.00 14.78 205.10 24,004.19

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

Contract Number: EP S9 08 04 SSID: 09BC State: CA

Region: 9 Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION Task Order Status: ON-GOING

21.00

Performance Based: No **Contract Period:** 

Reporting Period From:

Reporting Period To:

TO Period of Performance Start: 2/6/09 TO Period of Performance End:

12/31/10 10/31/09 11/27/09

BASE

Invoice Date: 12/20/09 Invoice Number: 010

Monthly Progress Invoice Purpose:

Task Number: 9 Task Category Code: RR Task Title: REMEDIAL INVESTIGATION REPORT

		Current		Cı	ımulative	Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M Staff Engineer/Scientist/Specialist

21.00 2,319.03 TOTAL, TEAM SUB DIRECT LABOR

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 9 Task Title: REMEDIAL INVESTIGATION REPORT Task Category Code: RR

### SUBTOTALS FOR TASK 9 (PRIME + TEAM SUBCONTRACTORS)

		•		,		
	C	urrent	Cu	mulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR	0.20	14.78	226.10	26,323.22	269.00	36,585.00
SUBTOTAL, DIRECT COSTS(Non_labor)				527.95		
SUBTOTAL, TASK 9 COSTS		14.78		26,851.17		36,585.00

## TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO TO Period of Performance Start: Task Order Title: OMEGA OU02 RI/FS Action Code: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 10 Task Title: REMEDIAL ALTERNATIVES SCREENING Task Category Code: RS

### SUBTOTALS FOR TASK 10 (PRIME + TEAM SUBCONTRACTORS)

	Current		Cı	ımulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

 SUBTOTAL, DIRECT LABOR
 877.40
 147,099.28
 914.00
 147,281.00

 SUBTOTAL, DIRECT COSTS(Non\_labor)
 340.33
 165.00

 SUBTOTAL, TASK 10 COSTS
 147,439.61
 147,446.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Action Code: Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 TO Type: Contract Number: EP S9 08 04 FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 CA State: Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 11	Task Title:	REMEDIAL A	EMEDIAL ALTERNATIVES EVALUATION			Task Categ	ory Code: RE
		(	Current	Cı	umulative	Appro	oved Budget
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars
PRIME CONTRACTOR		•		•	•	•	
Direct Labor							
FAVARA, PAUL J	Principal Engineer/Scientist/Specialist			9.00	)		
CHILANC VIIELL	Conjur Engineer/Cojentiat/Coopielist			22.00			

FAVARA, PAUL J	Principal Engineer/Scientist/Specialist			9.00
CHUANG, YUEH	Senior Engineer/Scientist/Specialist			23.00
DAVIS, HAL A				12.00
GRIGORIEFF, MIKE		7.00		192.00
PERINA, TOMAS		8.00		169.00
TOWELL, DAVID G				2.00
TURNER, ALTA				1.00
DOMBOVARY, STEPHEN PAUL	Project Engineer/Scientist/Specialist			10.00
SUN, KERANG		4.00		215.00
ECKERT, LAURA PITRE	Staff Engineer/Scientist/Specialist			30.90
HUME, JILLIAN				12.00
LARSON, M LYN				11.40
RISAT, TEDROS				32.00
BAILEY, TRAVIS	Senior Technician			6.20
LAMONT, WENDY				15.50
VOLLMAR, GERALD ANDREW				0.20
WILCOX, DWIGHT				1.00
TOTAL, PRIME DIRECT LABOR		19.00	3,702.96	742.20

871.00 145,022.00

130,267.17

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC
Task Order Title: 0MEGA 0U02 RI/FS

Contractor Name: CH2M HILL CONSTRUCTORS

9

Contract Number: EP S9 08 04
SSID: 09BC
State: CA

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE
Type Site: CHEMICAL SITE CONTAMINATION

2.00

Task Order Status: ON-GOING

Performance Based: No

Contract Period:

TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09

Reporting Period To: 11/27/09
Invoice Date: 12/20/09
Invoice Number: 010

Invoice Purpose: Monthly Progress

BASE

Task Number: 11 Task Title: REMEDIAL ALTERNATIVES EVALUATION Task Category Code: RE

		Current		Cı	ımulative	Approved Budget	
Name J	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

PRIME CONTRACTOR

Direct Labor

Region:

MAH-HING, GREGORY K Principal Engineer/Scientist/Specialist

TOTAL, TEAM SUB DIRECT LABOR 2.00 470.74

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number:038-RICO-09BCTask Order Title:OMEGA OU02 RI/FSContractor Name:CRITIGEN LLCContract Number:EP S9 08 04

 SSID:
 09BC

 State:
 CA

 Region:
 9

Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION

Task Order Status: ON-GOING

8.00

Task Order Status: ON-O

Contract Period: BASE
TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09
Reporting Period To: 11/27/09
Invoice Date: 12/20/09

Invoice Number:

Invoice Purpose: Monthly Progress

010

Task Number: 11 Task Title: REMEDIAL ALTERNATIVES EVALUATION Task Category Code: RE

		Current		nt Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

MADER, SARAH Staff Engineer/Scientist/Specialist

TOTAL, TEAM SUB DIRECT LABOR 8.00 903.76

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: E2 CONSULTING ENGINEERS INC

Contract Number: EP S9 08 04 SSID: 09BC State: CA

Region: 9 Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION

Task Order Status: ON-GOING

Performance Based: No **Contract Period:** 

TO Period of Performance Start: 2/6/09 TO Period of Performance End: 12/31/10

Reporting Period From: 10/31/09 Reporting Period To: 11/27/09 Invoice Date: 12/20/09

Invoice Number: 010

Monthly Progress Invoice Purpose:

BASE

Task Number: 11 Task Category Code: RE Task Title: REMEDIAL ALTERNATIVES EVALUATION

		Current		Cı	ımulative	Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

MA. TAIN-SHING Staff Engineer/Scientist/Specialist 41.00

TOTAL, TEAM SUB DIRECT LABOR 41.00 4,527.63

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 11 Task Title: REMEDIAL ALTERNATIVES EVALUATION Task Category Code: RE

### SUBTOTALS FOR TASK 11 (PRIME + TEAM SUBCONTRACTORS)

		· ·		•		
	Current		Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars
					<u> </u>	
SUBTOTAL, DIRECT LABOR	19.00	3,702.96	793.20	136,169.30	871.00	145,022.00
SUBTOTAL, DIRECT COSTS(Non_labor)						229.00
SUBTOTAL, TASK 11 COSTS		3,702.96		136,169.30		145,251.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE Action Code: CO Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 CA State: Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

43.813.00

Task Number: 12	Task Title:	FS REPORT Task Category Code: FS					
		Current Cumulative		ımulative	Approved Budget		
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars
PRIME CONTRACTOR							
Direct Labor							
CARLEY, ROBERT L.	Principal Engineer/Scientist/Specialist			6.00			

Direct Labor						
CARLEY, ROBERT L.	Principal Engineer/Scientist/Specialist			6.00		
CHUANG, YUEH	Senior Engineer/Scientist/Specialist			2.00		
GRIGORIEFF, MIKE				94.00		
PERINA, TOMAS		6.00		34.00		
SANDERS, BEVERLY	Project Engineer/Scientist/Specialist			14.00		
SUN, KERANG				7.00		
ABRAHAM, SOOMODH	Staff Engineer/Scientist/Specialist			3.00		
NELSON, PAMELA				4.00		
LAMONT, WENDY	Senior Technician	4.50		16.70		
WRIGHT, LINDA A				3.80		
LANCE, JOEL	Administrative and Clerical	2.70		2.70		
TOTAL, PRIME DIRECT LABOR		13.20	1,969.28	187.20	34,171.44	294.00

## TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Task Order Title: OMEGA OU02 RI/FS

Contractor Name: **E2 CONSULTING ENGINEERS INC** 

**Contract Number:** EP S9 08 04 SSID: 09BC State: CA

Region: 9 Work Area Code: RI Action Code: CO Operable Unit: 02

TO Type: FIXED RATE

Type Site: Task Order Status:

3.20

Performance Based: No

CHEMICAL SITE CONTAMINATION ON-GOING

TO Period of Performance Start: 2/6/09 TO Period of Performance End: 12/31/10 Reporting Period From: 10/31/09 Reporting Period To: 11/27/09 Invoice Date: 12/20/09 Invoice Number: 010

**Contract Period:** 

Invoice Purpose: Monthly Progress

BASE

Task Number: 12 Task Category Code: FS Task Title: **FS REPORT** 

		(	Current	Cumulative		Approved Budget	
Name	Job Category	Hours	Dollars	Hours	Dollars	Hours	Dollars

TEAM SUB CONTRACTOR

Direct Labor

GALLES, JENNIFER M Staff Engineer/Scientist/Specialist

3.20 TOTAL, TEAM SUB DIRECT LABOR 353.38

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING 9 Region: Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 12 Task Title: FS REPORT Task Category Code: FS

#### SUBTOTALS FOR TASK 12 (PRIME + TEAM SUBCONTRACTORS)

	С	urrent	Cur	mulative	Approved Budget			
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars		
SUBTOTAL, DIRECT LABOR	13.20	1,969.28	190.40	34,524.82	294.00	43,813.00		
SUBTOTAL, DIRECT COSTS(Non_labor)		130.35		754.91		1,571.00		
SUBTOTAL, TASK 12 COSTS		2,099.63		35,279.73		45,384.00		

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 13 Task Title: POST RI/FS SUPPORT Task Category Code: PR

#### SUBTOTALS FOR TASK 13 (PRIME + TEAM SUBCONTRACTORS)

	Current		Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

 SUBTOTAL, DIRECT LABOR
 17.00
 3,407.31
 764.00
 147,027.00

 SUBTOTAL, DIRECT COSTS(Non\_labor)
 2,704.00

 SUBTOTAL, TASK 13 COSTS
 3,407.31
 149,731.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number: 038-RICO-09BC Work Area Code: RI **Contract Period:** BASE Action Code: CO Task Order Title: OMEGA OU02 RI/FS TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: TO Period of Performance End: 12/31/10 02 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA Invoice Date: 12/20/09 Task Order Status: ON-GOING Region: 9 Performance Based: Invoice Number: 010 No

Invoice Purpose: Monthly Progress

Task Number: 15 Task Title: TASK ORDER CLOSEOUT Task Category Code: CO

#### SUBTOTALS FOR TASK 15 (PRIME + TEAM SUBCONTRACTORS)

	(	Current	Cumulative		Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

SUBTOTAL, DIRECT LABOR
SUBTOTAL, TASK 15 COSTS
36.00 4,340.00
4,340.00

# TASK ORDER -- Task Level Specific Detail Report

Task Order Number:038-RICO-09BCTask Order Title:OMEGA OU02 RI/FS

Contractor Name: ALL FIRMS
Contract Number: EP S9 08 04
SSID: 09BC

State: CA Region: 9 Work Area Code: RI
Action Code: CO
Operable Unit: 02

TO Type: FIXED RATE

Type Site: CHEMICAL SITE CONTAMINATION
Task Order Status: ON-GOING

Performance Based: No

Contract Period:
TO Period of Performance Start:

TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09
Reporting Period To: 11/27/09
Invoice Date: 12/20/09

Invoice Date: 12/20 Invoice Number: 010

Invoice Purpose: Monthly Progress

BASE

#### TASK ORDER TOTALS ALL TASKS

	(	Current	Cı	ımulative	Approved Budget	
Cost Elements	Hours	Dollars	Hours	Dollars	Hours	Dollars

TASK ORDER TOTAL, DIRECT COSTS

TOTAL, DIRECT LABOR	152.50	26,516.02	4,093.30	618,826.08	7,454.00	1,097,642.00
TOTAL, OTHER DIRECT COSTS		295.35		24,370.33		45,015.00
TOTAL, TRAVEL		169.85		8,073.05		18,058.00
TOTAL, SUBPOOL		2,672.00		33,248.90		157,475.00
TOTAL, SUBPOOL PROFIT		106.88		1,329.96		6,299.00
TASK ORDER TOTAL		29,760.10		685,848.32		1,324,489.00
		405.45		4/7.55		

Average Hourly Rate 195.15 167.55 Expenditure Limit Dollars 1,324,489.00

## **REPORT 1A**

## Task Order Supplemental Detail Report - Summary

038-RICO-09BC Work Area Code: BASE Task Order Number: RI Contract Period: CO Task Order Title: OMEGA OU02 RI/FS Action Code: TO Period of Performance Start: 2/6/09 Contractor Name: CH2M HILL INC Operable Unit: 002 TO Period of Performance End: 12/31/10 TO Type: Contract Number: EP S9 08 04 FIXED RATE Reporting Period From: 10/31/09 SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA 12/20/09 Task Order Status: ON-GOING Invoice Date:

CA Task Order Status: ON-GOING Invoice Date: 12/20/
9 Performance Based: No Invoice Number: 010

CH2M HILL INC

Region:

Expenditure Category	Current Dollars	Cumulative Dollars
Consumables	19.00	3,255.50
Field Equipment	0.00	2,161.53
Mail/Courier/Freight	130.35	11,109.69
Other	146.00	7,267.85
Reproduction	0.00	175.07

Total, CH2M HILL INC ODCs 295.35 23,969.64

Monthly Progress

Invoice Purpose:

## **REPORT 1A**

## Task Order Supplemental Detail Report - Summary

Work Area Code: BASE 038-RICO-09BC RI Contract Period: Task Order Number: Task Order Title: OMEGA OU02 RI/FS Action Code: CO TO Period of Performance Start: 2/6/09 Contractor Name: E2 CONSULTING ENGINEERS INC Operable Unit: 002 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09

SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To: 11/27/09 State: CA 12/20/09 Task Order Status: ON-GOING Invoice Date: Region:

Invoice Number: 010 Performance Based: No

Invoice Purpose:

**E2 CONSULTING ENGINEERS INC** 

Expenditure Category	Current Dollars	Cumulative Dollars	
Consumables	0.00	400.69	

Total, E2 CONSULTING ENGINEERS INC ODCs 0.00 400.69 Monthly Progress

## **REPORT 1A**

## Task Order Supplemental Detail Report - Travel

Task Order Number:038-RICO-09BCTask Order Title:OMEGA OU02 RI/FSContractor Name:CH2M HILL INCContract Number:EP S9 08 04

 SSID:
 09BC

 State:
 CA

 Region:
 9

Work Area Code: RI
Action Code: CO
Operable Unit: 002
TO Type: FIXED

Type Site: CHEMICAL
Task Order Status: ON-GOING
Performance Based: No

002
FIXED RATE
CHEMICAL SITE CONTAMINATION
ON-GOING

Contract Period: BASE
TO Period of Performance Start: 2/6/09
TO Period of Performance End: 12/31/10
Reporting Period From: 10/31/09
Reporting Period To: 11/27/09
Invoice Date: 12/20/09

Invoice Number:

Invoice Purpose: Monthly Progress

010

## TRAVEL BREAKDOWN

#### CH2M HILL INC

TRAVELER'S NAME	TRAVEL FROM	TRAVEL TO	DEPARTURE DATE	RETURN DATE	TRANSPORTATION	LODGING	PER DIEM	OTHER	TOTAL	TRAVEL PURPOSE
JABLONSKI, DANIEL R	LOS ANGELES, CA	WHITTIER, CA	10/22/2009	11/10/2009	126.17	0.00	0.00	43.68	169.85	WAST PICKUP
Total, CH2M HILL INC Travel Costs					126.17	0.00	0.00	43.68	169.85	

## **REPORT 2T**

## Current Month & Cumulative Status Report --- Task Level Totals within FR Task Order

106.88

Task Order Number:038-RICO-09BCWork Area Code:RIContract Period:BASETask Order Title:OMEGA OU02 RI/FSAction Code:COTO Period of Performance Start:2/6/09

Contractor Name: CH2M HILL, INC. Operable Unit: 02 TO Period of Performance End: 12/31/10 Contract Number: EP S9 08 04 TO Type: FIXED RATE Reporting Period From: 10/31/09

SSID: 09BC Type Site: CHEMICAL SITE CONTAMINATION Reporting Period To:

State:CATask Order Status:ON-GOINGInvoice Date:12/20/09Region:9Performance Based:NoInvoice Number:010

Invoice Purpose: Monthly Progress

#### Current Month

	TASK			TRAVEL	auppee.	5550	TOTAL
NO.	CAT. CODE	LABOR \$	LABOR \$ ODCs		SUBPOOL	FEES	\$
1	PP	2,768.98					2,768.98
3	FI	8,490.96	165.00	169.85	2,672.00		11,497.81
5	AN	518.72					518.72
6	DE	9,050.34					9,050.34
9	RR	14.78					14.78
11	RE	3,702.96					3,702.96
12	FS	1,969.28	130.35				2,099.63

Task Order Subtotal

Subpool Profit

TOTAL 26.516.02 295.35 169.85 2.672.00 106.88 29.760.10

11/27/09

## **REPORT 2T**

## Current Month & Cumulative Status Report --- Task Level Totals within FR Task Order

RI

CO

Task Order Number: 038-RICO-09BC Work Area Code: Task Order Title: OMEGA OU02 RI/FS Action Code:

Contractor Name: CH2M HILL, INC. Operable Unit: 02

Contract Number: EP S9 08 04 TO Type: FIXED RATE SSID: 09BC

Type Site: CHEMICAL SITE CONTAMINATION Task Order Status: State: CA ON-GOING

Region: Performance Based: No Contract Period: BASE TO Period of Performance Start: 2/6/09 TO Period of Performance End: 12/31/10 Reporting Period From: 10/31/09 Reporting Period To: 11/27/09 Invoice Date: 12/20/09 Invoice Number: 010

Invoice Purpose: Monthly Progress

#### Cumulative Month

	TASK	PRIME/TEAM					TOTAL
NO.	CAT. CODE	LABOR \$	ODCs	TRAVEL	SUBPOOL	FEES	\$
1	PP	32,519.77	275.01				32,794.78
2	CR	1,513.44					1,513.44
3	FI	121,365.43	23,524.22	6,972.64	33,248.90		185,111.19
5	AN	4,315.23					4,315.23
6	DE	111,588.28	48.32				111,636.60
9	RR	26,323.22	285.90	242.05			26,851.17
10	RS	147,099.28	106.53	233.80			147,439.61
11	RE	136,169.30					136,169.30
12	FS	34,524.82	130.35	624.56			35,279.73
13	PR	3,407.31					3,407.31

Task Order Subtotal

Subpool Fee

TOTAL 618,826.08

24,370.33

8,073.05

33,248.90

1,329.96

1,329.96

685,848.32

Standard Form 1034 September 1973 4 Treasury FRM 2000 1034-115			PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL			VOUCHER NO. 010	
U.S.		PARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION DATE VOUCHER PREPARED				RED	SCHEDULE NO.
U.S. ENVIRONMENTAL PROTECTION AGENCY				20-Dec-09 CONTRACT NUMBER AND DATE			DAID DV
	Financial Management Division Mail Code - D143-02				NUMBER AN P-S9-08-0		PAID BY
	Mail Code - D143-U2 Research Triangle Park, NC 27711				N NUMBER		
						ì	
	PAYEE'S CH2M HILL, Inc.					I	
	NAME		P.O. Box 27-100				
	AND Kansas City, MO 64180-0100  ADDRESS  Account #233-223-6						DATE INVOICE RECEIVED
				ı			DICCOUNT TERMS
							DISCOUNT TERMS
						•	PAYEE'S ACCOUNT NUMBER
SHII	PPED FROM		ТО		WEIGHT		GOVERNMENT B/L NUMBER
	NUMBER	DATE OF	ARTICLES OR SERVICES	T			
	AND DATE OF ORDER	DELIVERY OR SERVICE	(Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUAN- TITY	UNIT	PRICE PER	AMOUNT (1)
	ONDER.	OK SEKVICE	Architect-Engineering, technical	1111	0001	I LIX	(1)
			and management services for				
		10/31/2009	Response Action Contract				
		to	FOR TASK ORDER 038 REGION 9				
		11/27/2009				Cost	\$29,760.10
			PTION PERIOD BASE INVOICE	E		Fee	\$0.00
				i		Total	\$29,760.10
			"I certify: that all payments requested accordance with the agreement set forth payments have been made to all constructions previous payments and that timely payments are the proceeds covered by this certification by:	h in the continuous ction subcontinuous continuous cont	contract;	that s from	
`		eet(s) if necessary)	(Payee must NOT use the space b			TOTAL	
PAY	/MENT COMPLETE PARTIAL	APPROVED FOR	OVED FOR EXCHANGE RATE =\$1.		RENCES		
		BY <sup>2</sup>					
H	FINAL PROGRESS	TITI F	Amount verified:correct for			rect for	
	ADVANCE		(Signature or initials)				
Pers	uant to authority	vested in me, I certify the	hat this voucher is correct and proper for payment.				
-	(Date) (Authorized Certifying Officer) <sup>2</sup> (Tit			(Title	······································		
			ACCOUNTING CLASSIFI	CATION			
ВУ	CHECK NUM	BER	ON TREASURER OF THE UNITED STATES	CHECK NUM	MBER	ON (Name o	of bank)
D B	CASH		DATE	PAYEE <sup>3</sup>			
	\$			17(122			
<sup>2</sup> If th	e ability to certi		prove are combined in one person, one signature only is nec	essary; other-		PER	
3 Wh	en a voucher is corporate name	receipted in the nam	e space provided, over his official title.  te of a company or corporation, the name of ther person writing tity in which he signs, must appear. For example: "John Does the case may be		•	TITLE	

Substitute for Form 1035

#### PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

Region 9 Billing No.:

011

US ENVIRONMENTAL PROTECTION AGENCY RTP-FINANCIAL MANAGEMENT CENTER MAIL DROP - D143-02 RESEARCH TRIANGLE PARK, NC 27711 Contract No. EP S9 08 04 CH2M HILL, INC P. O. BOX 27-100 KANSAS CITY, MO 64180

Task Order No.: 038-RICO-09BC

OMEGA OU02 RI/FS Voucher No. 010

Reporting Period From: 10/31/2009 To: 11/27/2009

MAJOR COST ELEMENTS:	ŀ	HOURS	,	AMOUNTS
<u>Labor Category</u>	Current	<b>Cumulative</b>	<u>Current</u>	<b>Cumulative</b>
Principal Engineer/Scientist/Specialist	0.0	33.0	\$0.00	\$7,661.41
Senior Engineer/Scientist/Specialist	74.0	1,444.0	\$15,172.96	\$291,218.82
Project Engineer/Scientist/Specialist	60.0	933.0	\$9,410.40	\$144,019.57
Staff Engineer/Scientist/Specialist	8.0	1,161.8	\$903.76	\$128,539.98
Junior Engineer/Scientist/Specialist	0.0	77.0	\$0.00	\$6,354.81
Senior Technician	5.5	209.6	\$659.40	\$24,663.79
Technician	0.0	124.0	\$0.00	\$8,336.52
Administrative and Clerical	5.0	110.9	\$369.50	\$8,031.18
TOTAL LABOR	152.5	4,093.3	\$26,516.02	\$618,826.08
Other ODCs			\$295.35	\$24,370.33
Travel			\$169.85	\$8,073.05
Subpool			\$2,672.00	\$33,248.90
TOTAL NON-LABOR			\$3,137.20	\$65,692.28
Subpool Profit			\$106.88	\$1,329.96
TOTALS - CURRENT AND CUMULATIVE			\$29,760.10	\$685,848.32
AMOUNT DUE THIS VOUCHER			\$29,760.10	
CH2M HILL INC CH2M Hill Affiliates			\$29,723.15 \$0.00	\$596,369.58 \$3,230.32
Team Subcontracts  CFEST INC  CLEAR CREEK HYDROLOGY INC  CRITIGEN LLC  DAHL ENVIRONMENTAL ASSOCIATES  E2 CONSULTING ENGINEERS INC			\$0.00 \$0.00 \$0.00 \$0.00 \$36.95	\$18,056.19 \$0.00 \$1,129.70 \$0.00 \$67,062.53
ENVIRONMENT INTERNATIONAL GOVER Total Team Subcontracts	NMENT L	ΤD	\$0.00 <b>\$36.95</b>	\$0.00 <b>\$86,248.42</b>
TOTALS BY FIRM - CURRENT AND CUMULATIV	/E		\$29,760.10	\$685,848.32
*** This voucher contains confidential business in		alle alle alle	Prj#	386743